ELSEVIER

Brain Research 643 (1994) 357–359

BRAIN RESEARCH

Author Index

Abekawa, T., Ohmori, T. and Koyama, T.
Effects of repeated administration of a high dose of methamphetamine on dopamine and glutamate release in rat striatum and nucleus accumbens (643) 276
Akaike, N., see Tokutomi, N. (643) 66
Akil, H., see Mansour, A. (643) 245
Akiyama, Y., see Itoh, A. (643) 266
Anisman, H., see Zalcman, S. (643) 40
Attwell, D., see Kovalchuk, Y. (643) 287
Aureli, T., Miccheli, A., Di Cocco, M.E., Ghirardi, O., Giuliani, A., Ramacci, M.T. and Conti, F.
Effect of acetyl-L-carnitine on recovery of brain phosphorus metabolites and lactic acid level during reperfusion after cerebral ischemia in the rat — study by ^{13}P- and ^{1}H-NMR spectroscopy (643) 92

Bandou, Y., see Takenaka, T. (643) 81
Beck, S.G., see Read, H.L. (643) 17
Beloeil, J.-C., see Loubinoux, I. (643) 115
Betz, A.L., see Ennis, S.R. (643) 100
Bielarczyk, H., Tomsig, J.L. and Suszkiw, J.B.
Perinatal low-level lead exposure and the septo-hippocampal cholinergic system: selective reduction of muscarinic receptors and cholineacetyltransferase in the rat septum (643) 211
Blau, A.D., see Saji, M. (643) 234
Borredon, J., see Loubinoux, I. (643) 115
Boxer, P.A., see Robichaud, L.J. (643) 352
Brioni, J.D., Kim, D.J.B., O'Neill, A.B., Williams, J.E.G. and Decker, M.W.
Clozapine attenuates the discriminative stimulus properties of (−)-nicotine (643) 1
Brudzynski, S.M., see Cruickshank, J.W. (643) 125

Cohen, M., see Saji, M. (643) 234
Conti, F., see Aureli, T. (643) 92
Correze, J.-L., see Loubinoux, I. (643) 115
Crews, D., see Kingston, P.A. (643) 349
Crisp, T., Stafinsky, J.L., Hoskins, D.L., Perni, V.C., Uram, M. and Gordon, T.L.
Age-related changes in the spinal antinociceptive effects of DAGO, DPDPE and β-endorphin in the rat (643) 282
Cruickshank, J.W., Brudzynski, S.M. and McLachlan, R.S.
Involvement of M1 muscarinic receptors in the initiation of cholinergically induced epileptic seizures in the rat brain (643) 125

Daniel, P.C., Fine, J.B., Derby, C.D. and Girardot, M.-N.
Non-reciprocal cross-adaptation of spiking responses of individual olfactory receptor neurons of spiny lobsters: evidence for two excitatory transduction pathways (643) 136
Davidson, R.M., Shajenko, L. and Donta, T.S.
Amyloid beta-peptide (AβP) potentiates a nimodipine-sensitive L-type barium conductance in N1E-115 neuroblastoma cells (643) 324
Decker, M.W., see Brioni, J.D. (643) 1
Derby, C.D., see Daniel, P.C. (643) 136
Di Cocco, M.E., see Aureli, T. (643) 92
DiStefano, L., see Schneider, J.S. (643) 86
Donta, T.S., see Davidson, R.M. (643) 324
Dreyfus, H., see Hicks, D. (643) 302
Duan, Y.-F., Winters, R., McCabe, P.M., Green, E.J., Huang, Y. and Schneiderman, N.
Modulation of neuronal firing in the medullary solitary complex by electrical stimulation of the hypothalamic defense and vigilance areas in rabbits (643) 218
Dun, N.J., see Read, H.L. (643) 17
Duncan, J.E., see Frye, C.A. (643) 194
Dyck, D., see Zalcman, S. (643) 40

Ebert, U., see Kungel, M. (643) 29
Edgar, D.M., see Prosser, R.A. (643) 296
Eguibar, J.R., Quevedo, J., Jiménez, I. and Rudomin, P.
Selective cortical control of information flow through different intraspinal collaterals of the same muscle afferent fiber (643) 328
Engel, J.A., see Svensson, L. (643) 155
Ennis, S.R., Ren, X.-d. and Betz, A.L.
Transport of α-aminoisobutyric acid across the blood-brain barrier studied with in situ perfusion of rat brain (643) 100

Fine, J.B., see Daniel, P.C. (643) 136
Forster, V., see Hicks, D. (643) 302
Fox, C.A., see Mansour, A. (643) 245
Frew, R., see Lundy, P.M. (643) 204
Frye, C.A. and Duncan, J.E.
Progesterone metabolites, effective at the $GABA_A$ receptor complex, attenuate pain sensitivity in rats (643) 194
Frysztak, R.J. and Neafsey, E.J.
The effect of medial frontal cortex lesions on cardiovascular conditioned emotional responses in the rat (643) 181

Gerhardt, G.A., see Sullivan, R.M. (643) 306
Ghirardi, O., see Aureli, T. (643) 92
Gillet, B., see Loubinoux, I. (643) 115
Girardot, M.-N., see Daniel, P.C. (643) 136
Giuliani, A., see Aureli, T. (643) 92
Gordon, T.L., see Crisp, T. (643) 282
Green, E.J., see Duan, Y.-F. (643) 218
Green-Johnson, J.M., see Zalcman, S. (643) 40
Greenberg, A.H., see Zalcman, S. (643) 40
Greenberg, D.A., see Koretz, B. (643) 334
Gross, G.W., see Rhoades, B.K. (643) 310

Hamilton, M.G., see Lundy, P.M. (643) 204
Hariguchi, S., see Nakamura, Y. (643) 319
Hatanaka, H., see Yamada, M. (643) 173
Heller, H.C., see Prosser, R.A. (643) 296
Herbert, H., see Kungel, M. (643) 29
Hicks, D., Forster, V., Dreyfus, H. and Sahel, J.
Survival and regeneration of adult human photoreceptors in vitro (643) 302
Hillefors-Berglund, M., see Liu, Y. (643) 343
Hori, H., see Takenaka, T. (643) 81
Hoskins, D.L., see Crisp, T. (643) 282
Huang, Y., see Duan, Y.-F. (643) 218

Itoh, A., Miwa, S., Koshimura, K., Akiyama, Y., Takagi, Y., Yamagata, S., Kikuchi, H. and Masaki, T.
Ischemia-induced changes in catecholamine release and their mechanisms: a study using cultured bovine adrenal chromaffin cells (643) 266

Jacques, S., see Loubinoux, I. (643) 115
Jiménez, I., see Eguibar, J.R. (643) 328
Johannessen, K., see Svensson, L. (643) 155

Kaczmarek, L., see Łukasiuk, K. (643) 227
Kametani, F., see Nakamura, Y. (643) 319
Katayama, N., see Tokutomi, N. (643) 66
Kawakami, T., see Takenaka, T. (643) 81
Kikuchi, H., see Itoh, A. (643) 266

Kim, D.J.B., see Brioni, J.D. (643) 1
Kingston, P.A. and Crews, D.
Effects of hypothalamic lesions on courtship and copulatory behavior in sexual and unisexual whiptail lizards (643) 349
Kitajima, S., see Nakamura, Y. (643) 319
Kiyosawa, M., see Nakagawa, Y. (643) 74
Kodsi, M.H. and Swerdlow, N.R.
Quinolinic acid lesions of the ventral striatum reduce sensorimotor gating of acoustic startle in rats (643) 59
Koretz, B., Von B. Ahern, K., Wang, N., Lustig, H.S. and Greenberg, D.A.
Pre- and post-synaptic modulators of excitatory neurotransmission: comparative effects on hypoxia/hypoglycemia in cortical cultures (643) 334
Koshimura, K., see Itoh, A. (643) 266
Kovalchuk, Y., Miller, B., Sarantis, M. and Attwell, D.
Arachidonic acid depresses non-NMDA receptor currents (643) 287
Koyama, T., see Abekawa, T. (643) 276
Krug, M., Wagner, M., Staak, S. and Smalla, K.-H.
Fucose and fucose-containing sugar epitopes enhance hippocampal long-term potentiation in the freely moving rat (643) 130
Kungel, M., Ebert, U., Herbert, H. and Ostwald, J.
Substance P and other putative transmitters modulate the activity of reticular pontine neurons: an electrophysiological and immunohistochemical study (643) 29

Lemon, C., see Sullivan, R.M. (643) 306
Leskawa, K.C., see Lin, Y. (643) 108
Lhoste, J.-M., see Loubinoux, I. (643) 115
Lin, Y. and Leskawa, K.C.
Cytotoxicity of the cocaine metabolite benzoylecgonine (643) 108
Liu, Y., Hillefors-Berglund, M. and Von Euler, G.
Modulation of dopamine D_3 receptor binding by *N*-ethylmaleimide and neurotensin (643) 343
Loh, Y.P., see Rius, R.A. (643) 50
Loubinoux, I., Meric, P., Borredon, J., Correze, J.-L., Gillet, B., Beloeil, J.-C., Tiffon, B., Mispelter, J., Lhoste, J.-M. and Jacques, S.
Cerebral metabolic changes induced by MK-801: a 1D (phosphorus and proton) and 2D (proton) in vivo NMR spectroscopy study (643) 115
Łukasiuk, K. and Kaczmarek, L.
AP-1 and CRE DNA binding activities in rat brain following pentylenetetrazole induced seizures (643) 227
Lundy, P.M., Hamilton, M.G. and Frew, R.
Pharmacological identification of a novel Ca^{2+} channel in chicken brain synaptosomes (643) 204
Lustig, H.S., see Koretz, B. (643) 334

Mansour, A., Fox, C.A., Thompson, R.C., Akil, H. and Watson, S.J.
Mu-opioid receptor mRNA expression in the rat CNS: comparison to μ-*O*-receptor binding (643) 245
Masaki, T., see Itoh, A. (643) 266
McCabe, P.M., see Duan, Y.-F. (643) 218
McLachlan, R.S., see Cruickshank, J.W. (643) 125
Meric, P., see Loubinoux, I. (643) 115
Miccheli, A., see Aureli, T. (643) 92
Miller, B., see Kovalchuk, Y. (643) 287
Miller, J.D., see Prosser, R.A. (643) 296
Mispelter, J., see Loubinoux, I. (643) 115
Miwa, S., see Itoh, A. (643) 266
Mollner, S., see Rius, R.A. (643) 50
Münker, M., see Olcese, J. (643) 150
Murray, L., see Zalcman, S. (643) 40

Nakagawa, Y., Yanai, K., Ryu, J.H., Kiyosawa, M., Tamai, M. and Watanabe, T.
Marked increase in [^{3}H](*R*)α-methylhistamine binding in the superior colliculus of visually deprived rats after unilateral enucleation (643) 74
Nakamura, Y., Takeda, M., Niigawa, H., Kametani, F., Hariguchi, S., Yoshida, I., Kitajima, S. and Nishimura, T.
Accumulation of amyloid β-protein precursor (APP) in Purkinje cells and increase of amino-terminal fragments of APP in cerebrum and cerebellum of aged rat brain (643) 319
Nance, D.M., see Zalcman, S. (643) 40
Neafsey, E.J., see Frysztak, R.J. (643) 181
Niigawa, H., see Nakamura, Y. (643) 319
Nishimura, T., see Nakamura, Y. (643) 319

Ohmori, T., see Abekawa, T. (643) 276
Olcese, J. and Münker, M.
Extracellular serotonin promotes melatonin release from cultured rat pinealocytes: evidence for an S_2-type receptor-mediated autocrine feedback (643) 150
O'Neill, A.B., see Brioni, J.D. (643) 1
Ostwald, J., see Kungel, M. (643) 29
Otaky, N., see Staubli, U. (643) 10
Ozoe, Y., see Tokutomi, N. (643) 66

Perni, V.C., see Crisp, T. (643) 282
Pfeuffer, T., see Rius, R.A. (643) 50
Prosser, R.A., Edgar, D.M., Heller, H.C. and Miller, J.D.
A possible glial role in the mammalian circadian clock (643) 296

Quevedo, J., see Eguibar, J.R. (643) 328

Ramacci, M.T., see Aureli, T. (643) 92
Read, H.L., Beck, S.G. and Dun, N.J.
Serotonergic suppression of interhemispheric cortical synaptic potentials (643) 17
Ren, X.-d., see Ennis, S.R. (643) 100
Rhoades, B.K. and Gross, G.W.
Potassium and calcium channel dependence of bursting in cultured neuronal networks (643) 310

Rius, R.A., Mollner, S., Pfeuffer, T. and Loh, Y.P.
Developmental changes in Gs and G_{olf} proteins and adenylyl cyclases in mouse brain membranes (643) 50
Robichaud, L.J., Wurster, S. and Boxer, P.A.
The voltage-sensitive Ca^{2+} channel (VSCC) antagonists ω-Aga-IVA and ω-CTX-MVIIC inhibit spontaneous epileptiform discharges in the rat cortical wedge (643) 352
Rothblat, D.S., see Schneider, J.S. (643) 86
Rudomin, P., see Eguibar, J.R. (643) 328
Rush, R.A., see Zhou, X.-F. (643) 162
Ryu, J.H., see Nakagawa, Y. (643) 74

Sahel, J., see Hicks, D. (643) 302
Saji, M., Cohen, M., Blau, A.D., Wessel, T.C. and Volpe, B.T.
Transient forebrain ischemia induces delayed injury in the substantia nigra reticulata: degeneration of GABA neurons, compensatory expression of GAD mRNA (643) 234
Sarantis, M., see Kovalchuk, Y. (643) 287
Schneider, J.S., Rothblat, D.S. and DiStefano, L.
Volume transmission of dopamine over large distances may contribute to recovery from experimental parkinsonism (643) 86
Schneiderman, N., see Duan, Y.-F. (643) 218
Shajenko, L., see Davidson, R.M. (643) 324
Smalla, K.-H., see Krug, M. (643) 130
Staak, S., see Krug, M. (643) 130
Stafinsky, J.L., see Crisp, T. (643) 282
Staubli, U. and Otaky, N.
Serotonin controls the magnitude of LTP induced by theta bursts via an action on NMDA-receptor-mediated responses (643) 10
Sullivan, R.M., Wilson, D.A., Lemon, C. and Gerhardt, G.A.
Bilateral 6-OHDA lesions of the locus coeruleus impair associative olfactory learning in newborn rats (643) 306
Suszkiw, J.B., see Bielarczyk, H. (643) 211
Svensson, L., Zhang, J., Johannessen, K. and Engel, J.A.
Effect of local infusion of glutamate analogues into the nucleus accumbens of rats: an electrochemical and behavioural study (643) 155
Swerdlow, N.R., see Kodsi, M.H. (643) 59

Takagi, Y., see Itoh, A. (643) 266
Takeda, M., see Nakamura, Y. (643) 319
Takenaka, T., Kawakami, T., Hori, H. and Bandou, Y.
Effect of neurotransmitters on axoplasmic transport: how adrenaline affects superior cervical ganglion cells (643) 81
Tamai, M., see Nakagawa, Y. (643) 74
Thompson, R.C., see Mansour, A. (643) 245
Tiffon, B., see Loubinoux, I. (643) 115
Tokutomi, N., Ozoe, Y., Katayama, N. and Akaike, N.

Effects of lindane (γ-BHC) and related convulsants on $GABA_A$ receptor-operated chloride channels in frog dorsal root ganglion neurons (643) 66
Tomsig, J.L., see Bielarczyk, H. (643) 211
Turek, F.W., see Van Reeth, O. (643) 338

Uram, M., see Crisp, T. (643) 282

Van Reeth, O., Zhang, Y., Zee, P.C. and Turek, F.W.
Grafting fetal suprachiasmatic nuclei in the hypothalamus of old hamsters restores responsiveness of the circadian clock to a phase shifting stimulus (643) 338
Volpe, B.T., see Saji, M. (643) 234

Von B. Ahern, K., see Koretz, B. (643) 334
Von Euler, G., see Liu, Y. (643) 343

Wagner, M., see Krug, M. (643) 130
Wang, N., see Koretz, B. (643) 334
Watanabe, T., see Nakagawa, Y. (643) 74
Watson, S.J., see Mansour, A. (643) 245
Wessel, T.C., see Saji, M. (643) 234
Williams, J.E.G., see Brioni, J.D. (643) 1
Wilson, D.A., see Sullivan, R.M. (643) 306
Winters, R., see Duan, Y.-F. (643) 218
Wurster, S., see Robichaud, L.J. (643) 352

Yamada, M. and Hatanaka, H.
Interleukin-6 protects cultured rat hippocampal neurons against glutamate-induced cell death (643) 173
Yamagata, S., see Itoh, A. (643) 266
Yanai, K., see Nakagawa, Y. (643) 74
Yoshida, I., see Nakamura, Y. (643) 319

Zalcman, S., Green-Johnson, J.M., Murray, L., Nance, D.M., Dyck, D., Anisman, H. and Greenberg, A.H.
Cytokine-specific central monoamine alterations induced by interleukin-1, -2 and -6 (643) 40
Zee, P.C., see Van Reeth, O. (643) 338
Zhang, J., see Svensson, L. (643) 155
Zhang, Y., see Van Reeth, O. (643) 338
Zhou, X.-F. and Rush, R.A.
Localization of neurotrophin-3-like immunoreactivity in the rat central nervous system (643) 162